

Listing of Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claims 1-12. (Cancelled)

13. (Currently Amended) A mobile station for use in a communication system having a base station, the mobile station comprising:

a receiver for receiving from the base station a first downlink signal including at least one second power control command devoid of predetermined pilot signals;

an analyzer for measuring a parameter of the second power control commands;

a power controller for generating first power control commands according to the measured parameter; and

a transmitter for transmitting the first power control commands to the base station;

wherein the analyzer is adapted to measure the parameter of the second power control commands included in said first downlink signal which was subjected to transmit power control in accordance with the first power control commands.

14. (Previously Presented) The mobile station as claimed in claim 13, wherein the receiver is configured to derive a channel estimate from a second downlink signal and to employ the channel estimate to decode the first downlink signal.

15. (Previously Presented) The mobile station as claimed in claim 13, wherein a transmit power of the transmitter is adjusted in accordance with the second power control commands decoded by the power controller.

16. (Previously Presented) A radio communication system comprising a base station and at least one mobile station as claimed in claim 13.

17. (Previously Presented) The radio communication system as claimed in claim 16, wherein the base station includes:

a receiver for receiving the first power control commands; and

a transmitter for transmitting the first downlink signal modulated with the second power control commands and subjected to the transmit power control in accordance with the first power control commands.

18. (Currently Amended) A method of operating a mobile station, the method comprising:
receiving, via a receiver, from a base station a first downlink signal including at least one second power control command devoid of predetermined pilot signals;

measuring a parameter of the second power control commands via an analyzer;

generating first power control commands according to the measured parameter via a power controller; and

transmitting the first power control commands to the base station via a transmitter;

wherein the analyzer is adapted to measure the parameter of the second power control commands included in said first downlink signal which was subjected to transmit power control in accordance with the first power control commands.

19. (Previously Presented) The method as claimed in claim 18, further comprising the step of deriving a channel estimate from a second downlink signal and the step of employing the channel estimate to decode the first downlink signal.

20. (Previously Presented) The method as claimed in claim 18, further comprising the step of adjusting a transmit power of the transmitter in accordance with the second power control commands decoded by the power controller.

21. (Currently Amended) A mobile station for use in a communication system having a base station, the mobile station comprising:

receiver means for receiving from the base station a first downlink signal including at least one second power control command devoid of predetermined pilot signals;

measurement means for measuring a parameter of the second power control commands;

power control means for generating first power control commands according to the measured parameter; and

transmitter means for transmitting the first power control commands to the base station;

wherein the measurement means is adapted to measure the parameter of the second power control commands included in said first downlink signal which was subjected to transmit power control in accordance with the first power control commands.

22. (Previously Presented) The mobile station as claimed in claim 21, wherein the receiver means is configured to derive a channel estimate from a second downlink signal and to employ the channel estimate to decode the first downlink signal.

23. (Previously Presented) The mobile station as claimed in claim 21, wherein a transmit power of the transmitter means is adjusted in accordance with second power control commands decoded by the power controller.

24. (Previously Presented) A radio communication system comprising a base station and at least one mobile station as claimed in claim 21.

25. (Previously Presented) The radio communication system as claimed in claim 24, wherein the base station includes:

a receiver means for receiving the first power control commands; and

a transmitter means for transmitting the first downlink signal modulated with the second power control commands and subjected to the transmit power control in accordance with the first power control commands.